

## University Community Celebrates Campus Center Opening

**R**ed, white and blue balloons, band music and glowing speeches filled the air on North Campus, as the sparkling new brick, glass and steel Campus Recreation Center officially opened on Sept. 3.

A host of dignitaries joined Chancellor William T. Hogan and Athletics Director Dana Skinner in unveiling the long-awaited \$19.5 million, 65,000-square-foot facility designed to serve the recreational needs of the entire University community.

Among those extending their congratulations were U.S. Rep. Marty Meehan; State Sen. Steven Panagiotakos; State Reps. Thomas Golden, Kevin Murphy, David Nangle and Colleen Garry; UMass President William Bulger; UMass Board of Trustees Chair Grace Fay; State Division of Capital Asset Management Commissioner David Perini; Lowell Mayor Rita Mercier; and Lowell City Councilors Bill Martin and Armand Mercier.

About 200 students, faculty and staff attended the celebration, which coincided with the first day of classes and included tours, games and demonstrations, culminating in a campus-wide barbecue.

A highlight of the afternoon's festivities was a six-student relay beginning at the oldest building on South Campus, Coburn Hall, to the oldest building on North Campus, Southwick Hall, and ending at the Campus Center, carrying a ceremonial key to open the newest facility.

The center boasts three basketball courts, two racquetball courts, a squash court, two multi-purpose studios, a one-eighth-mile seamless rubber compound running track, a 6,500-square-foot dual-level fitness area, a game area complete with pool tables and table tennis, and two fully equipped locker rooms.



▲ State Sen. Steve Panagiotakos, UMass Trustees Chair Grace Fay and Chancellor William T. Hogan welcome students to the new facility.

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## University to Commemorate Members of University Family Lost on 9/11

**U**Mass Lowell will honor the memory of the seven members of the University community who lost their lives in the September 11 tragedy through a commemorative along the Riverwalk on its North Campus. Art students working with Prof. Jim Coates will develop various designs this fall for an outdoor space for meditation and reflection. One design will be selected and then integrated into a riverside overlook behind Leitch Hall next spring.

Included in the design will be the names of the late Douglas A. Gowell '71 (Methuen); Robert J. Hayes '87 (Amesbury); Brian K. Kinney '95 (Lowell); John Ogonowski '72 (Dracut); Patrick Quigley (husband of Patricia Quigley '86 of Wellesley); Jessica Sachs (daughter of Stephen R. and Karen D. Sachs of Billerica, both graduates of the class of 1969); and Christopher Zarba, who was a student at Lowell from 1977 to 1979.

**"Any one of us could have been on those planes or in the towers or working in the Pentagon,"**

Andre P. Gorgenyi

Last spring, UMass Lowell student government leaders Andre P. Gorgenyi and John Harrison proposed creating a memorial as a way to express the sentiments of their fellow students for those who had walked the same campus paths.

*Continued on Page 4*

## Folk Festival Partnership Enjoys a Great Start

**W**he Lowell Folk Festival lived up to its billing as the largest free folk festival in the nation this past July, as more than 200,000 people cheered, danced, and ate their way through the annual three-day celebration in the city's downtown historic district.

A new twist this year was the presence of UMass Lowell as a festival partner. The campus provided assistance with a variety of tasks, from publicity to volunteer recruitment. Staff in the University booth at the popular Boarding House Park location fielded a steady stream of questions about admissions, graduate programs, distance learning courses, alumni activities, and more.

Rick Sherburne of the Communications Office helped coordinate the



▲ The campus booth had a full complement of volunteers. The Saturday morning crew included, from left, Karen Anderson of Continuing Studies; Sandra Seitz, Donna Spellissey, and Rick Sherburne of Communications and Marketing; and Karen's friend, Leslie Tan, of Microsoft.

Crafts Area in Lucy Larcom Park, where, among demonstrators, Cheryl West of the Center for Family, Work, and Community (CFWC) and her Project Splash team described methods of urban fish farming. Assistant men's ice hockey coach Chris McKenzie and members of the team ran a



▲ In the Foodways Tent, Prof. Mario Aste of the Cultural Studies Department showed how to assemble the perfect antipasto and other Italian dishes.

shuttle service for the Boys and Girls Club beverage tent. Other volunteers, including many from CFWC's River Ambassadors youth program, helped at recycling and information stations.

—PM

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## Take Note

### Notice of New Mandatory Education Requirement for Human Subject Researchers

As of October 1, 2002, the Institutional Review Board (IRB) requires that any Faculty or Staff Member, who submits an application for approval of a research proposal, must demonstrate knowledge of human subject research, including ethics. Please refer to the IRB website at <http://irb.uml.edu> for details.

### New Laboratory Named in Honor of Prof. Dorsey

The Physical Therapy Department will host a reception on Thursday, Oct. 10, to honor Prof. Joseph Dorsey, retired chair of the department, and to dedicate the cardiopulmonary laboratory as the "Dr. Joseph Dorsey Cardiopulmonary Laboratory."



▲ Prof. Joseph Dorsey

The event, to be held from 5 to 7 p.m. in Weed Hall on the South Campus, is expected to attract some 175 alumni, faculty, staff and friends. Light refreshments will be served.

### Changes at the Center for Women and Work Celebrated

The University community is invited to a reception to mark staff changes at the Center for Women and Work on Oct. 3 at 3 p.m. in Coburn 205. Retiring Prof. Jean Pyle of Psychology is moving from co-director to senior associate. Prof. Paula Rayman, RESD, is also joining the Center as a senior associate.

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### 'Coach of the Year' Honors to River Hawks' Coach Jim Stone

UMass Lowell varsity baseball coach Jim Stone, who last year completed his 35th year as coach of the River Hawks and has taken his team to the College World Series the last two seasons, was named this year by the American Baseball Coaches Association (ABCA) as the ABCA/Diamond Sports Company Coach of the Year for the NCAA Division II Northeast Region.

Stone, whose River Hawks have been to the NCAA Regionals 13 times in the past 25 seasons—and have not endured a losing season in more than 25 years—will be honored with the award at the ABCA National Convention in San Diego in January of next year.



▲ Jim Stone

### Growth Cited for UMass Lowell Honors Society

The UMass Lowell chapter of Alpha Lambda Delta, the honor society for first-year college students, has received a silver award from the group's National Council for finishing the 2001-02 school year with a one-third increase in membership.

Alpha Lambda Delta has been recognizing outstanding students on college campuses since 1924. It has initiated more than 650,000 students and has awarded over \$1 million in scholarships.

The UMass Lowell chapter of Alpha Lambda Delta is advised by Laurie Tirado and Prof. Stephen Pennell.

### Four New Officers Join Campus Police Force

Four new UMass Lowell campus police officers—Kristin Lamond, Dan Desmarais, T.J. O'Donnell and Gordon Candow—were sworn in June 12 in the Alumni Lounge.

The four additions were replacements for officers who had left or retired.

## STARTS Program to Kick Off Its 16th Season This Fall

This year's opening performance of the UMass Lowell STARTS (Student and Teacher Arts) program, a musical production for grades K-3, "Teddy Bear Jamboree," will take place Friday, Oct. 11 at 9:30 and 11:00 a.m.

Now entering its 16th season, the STARTS program is the largest of its kind in New England, serving over 37,000 students and teachers annually. All shows are performed by professional touring companies, and are designed to enhance curriculum at designated class levels.

Other theatrical offerings for START's youngest patrons will include "Just So Stories" (Oct. 22 & 23), "Amelia Bedelia" (Feb. 5), and "Tiki Tiki Tembo" (May 8 & 9). Non-theatrical K-3 productions will include "Tom Chapin in Concert" (April 15 & 16), a musical performance; "David Parker: the Pied Piper of Sign" (Dec. 3 & 4), which features singing and sign language; and "DINOSAURS" (March 27), a puppet and visual arts show.

For grades 3-6, STARTS productions will include "Lindbergh's Ocean Flight" (Nov. 1); "Mur Mur" (Nov. 8); "The Shangri-la Chinese Acrobats" (Nov. 18); "Sarah, Plain and Tall" (Dec. 6); "Rhythm and Brass" (Dec. 16); "The Great Railroad Race" (Feb. 14); "The Mystery of King Tut" (March 10); "The Color of Justice" (March 18); "The Nightingale" (March 31); and "Jason and the Golden Fleece" (April 9).

For grades 7 and up, STARTS offerings include "Dream Keepers" (Feb. 26); "Romeo and Juliet" (March 3); and "LUMA" (May 2).

All performances will take place in Durgin Hall on the UMass Lowell South Campus. The cost is \$5 per student.

For more information, phone the STARTS hotline at ext. 4452.



## Lowell Teachers Get Creative with CFSS Mini-Grants

More than 60 Lowell teachers discovered that a little money sparks a lot of ingenuity. Recipients of the Innovative Teacher Mini-Grants funded by the Lowell Public Schools and administered by the Center for Field Services and Studies (CFSS) received \$500 each to incorporate new projects into their coursework. Teachers used the funds to purchase equipment, books, supplies and even a dance choreographer.

"It's really interesting to see what the teachers do with so little money," said Nancy Pitkin, program administrator from CFSS.

Linda Baker, a family and consumer science teacher from the Rogers Middle School, used the idea of "paying forward" to demonstrate to her students the value of exponential growth by distributing red, white and blue ribbons around the school. The sixth-grade students then designed quilt blocks, which were pieced by the seventh-graders.

Two art teachers from the high school collaborated on a 9/11 memorial. Students designed and sculpted a large public wall sculpture depicting patriotism, liberty and freedom.

The funds are available in the fall and spring semesters to teachers of all levels in the Lowell Public Schools. Teachers must present their projects at the end of the semester.



▲ Linda Baker of the Rogers Middle School displays her Family and Consumer Science class's "Pay It Forward with Stars and Stripes Forever" quilt as she describes the project which taught students the exponential value of "paying forward" a good deed.



# PTC and New Workshops Add Pizazz to DesignCamp 2002

**"**I thought it would be boring. I thought it was a real school. But then it was fun."

One young participant rendered this opinion about the PTC Design Academy, a special offering within the Francis College of Engineering's DesignCamp 2002, a highly successful program to introduce students in grades 5 through 10 to hands-on science and technology.

PTC, maker of Pro/ENGINEER and Pro/DESKTOP 3D design software, offered a one-week workshop, free of charge, to a group of mostly minority middle school students from a summer program in Lowell for children with limited English proficiency. Campers took their software home to keep.

Program instructor Bruce Seiger says, "If I can get just one of these kids to go on in engineering, my summer will have been made." As the youngsters watched their own computer designs turn into real, three-dimensional plastic keychain ornaments, future engineers seemed very likely.

DesignCamp has grown from 50 students and one instructor to more than 350 students, eight master teach-



▲ Elizabeth Rice, of Bath, Maine, and Jacob Sherburne, of Burlington, make final adjustments to their robot prior to the design show and pizza party that ended each week of DesignCamp. Student-built creations ranged from delicate balsa-frame aircraft to large, metal kinetic sculptures.

ers and eight instructors-in-training (all experienced teachers already).

Ten different workshops are built around a series of design projects, science activities and interesting problems to solve, augmented by tours of various engineering labs. New workshops in 2002 were "Marine Engineering," "Robo Alley," and "Electronics and Music."

"Our next step is developing an after-school program for students and teachers that will help move DesignCamp activities into classrooms," says Program Director Douglas Prime.



▲ Pareesa Charmchi, left, and Maeve Mueller, both of Lowell, show off the Frisbee they've rigged with lights in "PTC Design Academy," a special workshop offered by the software company and hosted by UMass Lowell's DesignCamp. Students kept their Pro/DESKTOP 3D software.



▲ Lynn Ficarra, of Billerica, left, and Lindsay Combau, of Townsend, work on winding coils for homemade electric motors in the Electrical and Mechanical Gizmos workshop. All students took home a toolkit, so they could continue building circuits and machines at home.

## Dates Set for Sixth CITA Conference

**T**he sixth annual CITA Conference, iApproaches to Sustainable Regional Development: Supporting Public Health and a Healthy Society will be held November 7-9 in the Wannalancit Mills.

The conference will bring together professionals in public health, occupational and environmental health, and community and economic development. The Committee on Industrial Theory and Assessment hopes participants will share creative ways to enhance the health of society at a time when the economy, health care, and public health face unprecedented crisis.

For conference and registration information, visit [www.uml.edu/com/cita](http://www.uml.edu/com/cita) or call Conference Coordinator Nancy Hodge, ext. 2897.

## Diversity and Pluralism Recognizes Years of Service



◀ Assoc. Prof. Anne Mulvey, acting director of the Center for Diversity and Pluralism, left, presents a gift to outgoing Director Dr. Lan Pho on the occasion of Pho's retirement last spring.



◀ Assoc. Prof. Charles Nikitopoulos, right, receives a plaque from Assoc. Prof. Jeff Gerson in honor of his contributions to the Center for Diversity and Pluralism. Nikitopoulos retired from the University last spring.

## Peirce Takes a Global Look at New England

**N**eal Peirce, a syndicated columnist and popular author, will speak on campus about the impact of globalization on New England on Monday, Sept. 30 in Alumni Hall at noon. Peirce, president of CitiStates, Inc. will speak as part of the Fall Seminar Series sponsored by the Center for Industrial Competitiveness and the Department of Regional Economic and Social Development.

Peirce has written extensively on metropolitan and regional issues in his books, "Citistates: How Urban America Can Prosper in a Competitive World" and "Breakthroughs: Recreating The American City." He has appeared on Meet the Press, "Today" and National Public Radio.

Prof. Bill Mass, who has coordinated the seminar series for 10 years, believes, "this fall is the most outstanding series we've ever organized."

Mass says the schedule includes a slate of nationally and internationally renowned speakers known for their work related to regional and community development in New England, and the impacts of globalization in the United States and abroad. The series will include presentations by UMass Lowell Prof. Larry Gross, RESD, Prof. Linda Silka, RESD and Center for Family, Work and Community, Ret. Prof. Jean Pyle, RESD and Center for Women and Work, and Mass himself.

Most of the talks will be presented in the RESD seminar room, O'Leary 500. Other co-sponsors include the CWW, Lowell Center for Sustainable Production, the CFWC and the Peace & Conflict Studies Institute.

For more information, email Prof. Mass, at [William\\_Mass@uml.edu](mailto:William_Mass@uml.edu).



▲ Syndicated columnist and author Neal Peirce will speak at a Fall Seminar on Sept. 30. The seminar is sponsored by the Center for Industrial Competitiveness and the Department of Regional Economic and Social Development.



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## University to Commemorate Members of University Family Lost on 9/11

"Any one of us could have been on those planes or in the towers or working in the Pentagon," said Gorgenyi. "Because of the incredible link we have as members of the UMass Lowell community, a part of us is in each of them and a part of them will forever be in each of us. I anticipate that the site being designed will be a place where any student can go to reflect and meditate upon life and also be a place where anyone can go to reconnect that link to those who were lost."

The final design may include a sculptural object, stonework, seating, new plantings, lighting, and other elements, all combined to make a contemplative site that offers a view of the Merrimack River and most historic buildings on the North Campus.

—PM

## Campus Activities Mark First Anniversary of 9/11

Students, faculty, and staff marked the first anniversary of 9/11 with a series of activities, beginning with ceremonies on North and South campuses during which a moment of silence was observed at 8:46 a.m., the same time one year ago when American Airlines Flight 11 crashed into the World Trade Center. Chancellor William T. Hogan addressed the gathering at Cumnock Hall on North Campus while Provost Robert Wagner offered remarks on South Campus.

Father Paul Clifford of Ste. Therese Parish in Dracut, who served as a chaplain to rescue workers at Ground Zero, offered a Catholic Mass at noon in McGaurvran Hall, and members of the campus community filled memorial books and oversized cards with messages to be sent to the families of those who perished.

An evening vigil on South Campus quadrangle began with remarks and music, followed by a candlelight Walk of Unity to the Donahue Residence Hall on North Campus, where the ceremonies continued with comments by student leaders, more music, and an announcement of the plan to create a permanent remembrance of the seven members of the University



▲ Students, faculty, and staff lined up to write their thoughts in a memorial book during the 9/11 remembrance ceremony outside Cumnock Hall. People gathered on both campuses at 8:46 a.m. to observe a moment of silence and reflect on the tragedy of one year ago.

family who lost their lives on 9/11.

The activities were organized by the Student Government Association, Student Activities Office, Student Services, Residential Life Office, Campus Ministry, Catholic Center, Peace and Conflict Studies Institute, and others.

## Faculty from Lowell, Dartmouth Converge to Present Environmental Alternatives for Industry

UMass Lowell and UMass Dartmouth faculty presented the results of their research to find more environmentally friendly technologies at the annual University Research in Sustainable Technologies Symposium. More than \$80,000 was awarded to faculty members including five professors from the Lowell campus.

Prof. John Duffy, mechanical engineering, partnered with Electrochem, Inc. of Woburn to explore the viability of using a water-based system to generate hydrogen via a solar-powered electrolyzer. Asst. Prof. Anastasios Angelopoulos and Prof. Kenneth Marx, chemistry, in conjunction with IBM, looked at more environmentally benign surface coatings and reaction conditions. Prof. Sammy Shina of Mechanical Engineering leads the UMass Lead-Free Consortium, a group of companies from across the electronics supply chain including BTU International, Raytheon, Texas Instruments, M/A Com, Schneider Automation and Sanmina. Shina and the partner companies tested the performance of lead-free circuit boards and component finishes with tin-silver-copper solder materials. Prof. Stephen McCarthy, plastics engineering, investigated materials that do not

include toxic materials, such as lead, for use in the wire and cable coating industry.

A joint project of the Toxics Use Reduction Institute and the Center for Environmentally Appropriate Materials with support from the Commonwealth's Strategic Envirotechnology Partnership program, the University Research in Sustainable Technologies program taps the research capabilities of the UMass System to advance the investigation, development and evaluation of sustainable technologies that are environmentally, occupationally and economically sound.

► Gathering at the annual University Research in Sustainable Technologies Symposium were, from left, Dr. Ken Geiser, director of the Toxics Use Reduction Institute (TURI); Linda Benevides, director of the state Strategic Envirotechnology Partnership (STEP); Prof. Kenneth Marx, chemistry; Prof. Sammy Shina, mechanical engineering; and Prof. John Duffy, mechanical engineering. The University Research in Sustainable Technologies program, co-sponsored by TURI, STEP and the Center for Environmentally Appropriate Materials (CEAM), encourages UMass faculty to investigate environmentally friendly alternatives.



## CSCE Team Attends Fifth Annual Breakfast for Champions

▲ Division of Continuing Studies and Corporate Education (CSCE) team members participated in the fifth Annual Breakfast for Champions, a regional corporate networking breakfast sponsored by the Commonwealth Institute in Boston. Mingling at the event are, from left, Mary Lou Grasso, manager of the Alliance Learning Center at Lucent Technologies; Prof. Joey Mead, plastics engineering; Prof. Ann Marie Hurley, mathematics; Jacqueline Moloney, dean of CSCE; Prof. Julie Chen, mechanical engineering; Patricia Yates, director of Career Services; and Catherine Kendrick, director of corporate and distance market development for CSCE.





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## University Community Celebrates Campus Center Opening

The fitness area alone, which features mirrored walls and an eight-speaker sound system, includes 50 cardio-vascular machines, strength training equipment and a separate stretching area. For those looking to relax, a lounge area with a big-screen TV and seating for about 40 was created adjacent to an outdoor patio.

Students, faculty and staff who use the new facility will not have to compete for recreational space with the University's varsity athletes, for whom Costello Gym will be a dedicated facility (with the exception of the swimming pool).

Lowell area state legislators secured initial funding in 1995 for the Campus Center, which broke ground in December 2000.

—PMc



▲ The UMass Lowell Marching Band, under the direction of Daniel Lutz, kicked off the ceremony with an inspiring rendition of the "Star-Spangled Banner."



▲ John Harrison, Student Government Association president, had the honor of accepting the "key" to the new facility on behalf of the student population.



▲ From left, state Reps. Kevin Murphy, Colleen Garry and David Nangle, and U.S. Rep. Marty Meehan were among the many elected officials who joined in the opening celebration.



▲ Students listen to the speakers as they eagerly await the opening of the new Campus Center.



▲ UMass President William Bulger, Lowell Mayor Rita Mercier, State Rep. Thomas Golden and DCAM Commissioner David Perini were among the speakers to offer their congratulations on the new campus center.



▲ Athletics Director Dana Skinner with members of the student relay team which transported the "key" to the facility across campus, back row, from left, Niamnh Brady, Dave Rene, Rosalyn Lankowski and Pha Chhoeun and, in front, Rob Sampson. Missing from the photo is the sixth runner, Adrienne DiRosario.

## InteliCoat Technologies Recognized by TURI for Best Practices in Green Chemistry

The Toxics Use Reduction Institute (TURI) selected InteliCoat Technologies, formerly Rexam Image Products, to reveal its best practices in reducing toxics and promoting environmental stewardship as part of the Cleaner Technologies Demonstration Site program. InteliCoat, headquartered in South Hadley, is a worldwide leader in the manufacture of coated papers, films and specialty substrates and a global specialist in contract coating, laminating and finishing flexible materials.

As part of TURI's Demonstration Site program, InteliCoat presented information on the decision-making process for switching its primary product lines and the impact of the changes made, and provided a facility tour of traditional and innovative technology, including a demonstration of printing a TURI banner on ultraviolet-coated material which is more environmentally sound. The information and demonstration offered insights to industry representatives and consultants about how to modify products and processing techniques in similar ways. Rep. Nancy Flavin also attended the presentation.



▲ The banner pictured was produced on-site using InteliCoat Technologies' ultraviolet-coated material which is part of the company's push towards more environmentally friendly processes. Back row from left, Brad Palkovic, environmental engineer; Rich Himmelrite; Susan Hurt, vice president digital image business unit; Rep. Nancy Flavin; Pamela Eliason, TURI; front row, Dr. Ken Geiser, TURI; Mike Rozolsky, InteliCoat; and Allen Stratton, environmental and safety manager. InteliCoat is formerly Rexam Image Products.

## Discovery Series Raises Curtain on 16th Season

The Discovery Series at the UMass Lowell Center for the Arts will kick off its 16th season with a performance by Grammy-winner Tom Chapin and his band in a program titled "Music for Children and Gentle Hearts" on Sunday, Oct. 6.

According to Series Director Christine Brown, "the series theme, 'Discover Laughter, Wonder, & Delight' foreshadows the season's blend of music, comedy, theatre and acrobatics."

The schedule will include performances by the Shangri-La Acrobats, Rhythm and Brass, the Imago Theatre, a production of "The Nightingale," and the comedy of Smythe and Saucier.

For season information, call the box office at (978) 934-4444, 10 a.m. to 3 p.m., Monday through Friday.



## New Program Keeps Computers Updated and Saves Money

The University purchased more than 700 new PCs for student laboratories this summer as the first step in a new program to modernize the computer inventory on campus on an annual basis.

The program also will enable the University to buy new units at a substantial discount.

Chief Information Officer Jeff Thompson says, "We're planning to put the University on a three-year cycle so that no PC is ever more than three years old. We'll replace a number of them every year."



▲ Jeff Thompson

UMass Lowell and the Boston campus are participating jointly in the program and have determined that Dell will be the standard PC.

By buying these machines in bulk, Thompson says, the University will get a unit price of about \$1,300. This, he adds, is about \$430 less than the University would pay normally if the PCs were purchased through the Massachusetts Higher Education Consortium.

"We realized a saving of about a quarter of a million dollars on our initial purchase," he says.

The three-year program will provide users with computers that are always updated and able to run the latest software. And, since each unit comes with a three-year warranty, all computers on campus eventually will be under warranty at all times.

The vast majority of the University's 2,500 computers are PCs, Thompson says, and an effort will be made to migrate Macintosh units to PCs wherever that is feasible because it will be easier for the support staff to deal with one platform. In addition, any discount on the smaller number of Macs would be considerably less than that available for the PCs.

Thompson says his office is now validating the existing inventory of computers. In the near future, faculty and staff will be given a phone number and e-mail address that they may use to request new computers.

## Kerouac Festival Features Author of 'Poets on the Peaks'

John Suiter wasn't satisfied to simply write about Jack Kerouac's time as a fire lookout in the North Cascades in the 1950s. The writer and photographer from Boston traveled West to stay in the same mountaintop shack for two weeks as part of his documentary effort. Suiter will share his travel adventures and talk about his new book, *Poets on the Peaks: Gary Snyder, Philip Whalen, and Jack Kerouac in the North Cascades* (Counterpoint Books), during the upcoming Kerouac festival on campus and around town. His illustrated, group biography of three major writers of the Beat movement is a bestseller in the Northwest and has been reviewed favorably around the country.

Suiter will discuss photo-documentary techniques and show slides of his work as a guest of the Art Department in a session open to all on Friday, Oct. 4, at noon in Room 222 of O'Leary Library. At 7:30 p.m. on Friday, Suiter will present a slide-talk about his book at the Boott Mills Museum of the National Park Service, and on Saturday, Oct. 5, at noon, he will be signing books at the UMass Lowell Barnes and Noble Downtown Bookstore at 151 Merrimack Street.

In addition, on Friday, Oct. 4 at 2:30 p.m. in O'Leary 222, the English Department will host a showing of Robert Frank's classic '50s-era independent film *Pull My Daisy*, which will be introduced by prolific composer, musician and author David Amram, who recently published a memoir, *Offbeat: Collaborating with Kerouac*. The late Allen Ginsberg and others act in the film; Kerouac narrated the story spontaneously.



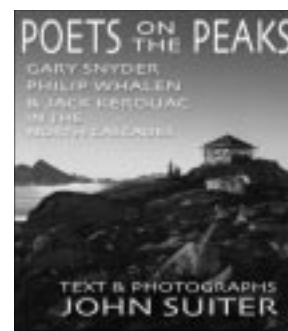
▲ John Suiter, author of *Poets on the Peaks*

These events are part of the 15th annual Lowell Celebrates Kerouac! festival, which this year includes tours of Kerouac sites in Lowell, musical performances, open mic readings, and more. In addition to the Suiter and Amram offerings on campus, highlights range from Chuck Workman's documentary film about the Beat writers, *The Source*, with the director on

hand for questions afterward (Friday, Oct. 4, 4 p.m., Boott Mills Museum) to a performance by poet Janet Hamill and the band Moving Star, with Amram, at the Dove Café in the basement of St. Joseph the Worker Shrine, 37 Lee Street, at 7:30 p.m. on Saturday, Oct. 5 (\$10 admission). Hamill recently co-

authored a collection of short fiction with Patti Smith.

The festival is sponsored by Lowell Celebrates Kerouac! Inc., UMass Lowell, Lowell National Historical Park, the Patrick J. Mogan Cultural Center, and many others. To see the complete schedule, check the Web at [lckorg.tripod.com](http://lckorg.tripod.com). For details on campus events, contact Paul Marion, Community Relations, at ext. 3107 or [Paul\\_Marion@uml.edu](mailto:Paul_Marion@uml.edu).



## SOS Means a Summer of Science for Incoming Freshmen

In September, nine freshmen already knew their way around campus. They had faced the challenges of research and greeted professors by name.

The freshmen had been on campus all summer as participants in the Summer Opportunities in Science (SOS) program. SOS was developed by faculty and administrators to give incoming freshmen meaningful summer work on campus, particularly students planning to major in chemistry, physics or mathematics. The students were supervised in tasks ranging from research projects to developing new laboratory exercises for fall courses.



▲ Dean of Sciences Robert Tamarin, College of Arts and Sciences, welcomes two of the incoming freshmen participating in the Summer Opportunities in Science program: Robert Deliago, of Andover, and Colleen Reid, of Lynn. Deliago and Reid completed projects with James (Kiwi) Graham-Eagle, chair of Mathematical Sciences.



◀ A summer barbecue is a good place to explore the finer points of chemistry, as Dalia Kattan, of Chelmsford, talks with her summer supervisor, Kenneth Marx, chemistry.



## Teachers Get a Lesson in Online Educating

▲ As part of a \$15,000 training grant with Roxbury Community College (RCC), members of the Online Teaching Institute, through Continuing Education, taught RCC faculty members how to teach online this past summer. Back row, fourth from left, Assoc. Prof. Richard Siegel, Assoc. Director of Distance Learning Steve Tello, front row, second from left, Faculty Coordinator Carolyn Siccama, Distance Faculty Developer Alena Klimenko, and Faculty Developer Carolyn Powanda-Croft, with faculty from Roxbury Community College.



## Music Series Plays to Record Crowds

The Lowell Summer Music Series enjoyed the largest season audience of its history this summer with attendance of more than 27,000 patrons, up nearly 30% from 2001. The series, held at Boarding House Park in downtown Lowell, featured an eclectic mix of musical styles including traditional folk, oldies, country, and pop as well as free children's events.

The biggest audience of the summer was for the ABBAmania show, a recreation of a live ABBA concert whose music was popular in the 1970s, attracting more than 2,800. The opening night performance by the Irish supergroup, Solas, attracted over 2,200. Other popular acts included roadhouse blues piano queen Marcia Ball, and 60s British

Invasion bands, Eric Burdon & the New Animals and Herman's Hermits.

All three performances by the Lowell Summer Concert Band, directed by music Prof. David Martins, were rained indoors, keeping the audience small for the 60-member amateur band. Those who did attend were treated to a range of tunes from Broadway to Disney themes.

The series is made possible through a partnership comprised of the Lowell National Historical Park, the Lowell Festival Foundation and UMass Lowell, which celebrated its tenth year of involvement this year.

Over the years, series organizers have been committed to providing high quality entertainment at a low cost, with most evening performances costing just \$5 per adult.

"The University's support for the Summer Music Series, along with the Lowell Folk Festival, Mogan Cultural Center programs, and our own Center for Arts cultural enrichment programs for youngsters, helps us accomplish one of our key mission objectives—the strengthening of the vitality of community life in the region.

These high quality cultural activities benefit the people who live, work and visit here," said Paul Marion, assistant director for community relations. "Lowell has become the cultural hub of the region."



▲ Lucille Moody, grants and contracts specialist at the Research Foundation, and her daughter Melissa enjoy the opening night performance by the Irish group Solas at Boarding House Park. UMass Lowell marked its tenth season of support for the Lowell Summer Music Series this summer.

## Great Explorations Camp Walks Kids Through History

Build your own canal system. Weave cloth on a four-harness loom. Explore the Boott Mills and boardinghouse. Ride the trolley and take a boat trip on the Merrimack. These were just

some of the activities at "Boott Camp," one of four workshops offered by the Tsongas Industrial History Center in its Great Explorations summer day camp programs for children ages 8-14. Other workshops were the "Wonders of Water," "Steps in Time," and the "World Wide Water Web."

The Tsongas Center is a collaborative project of the UMass Lowell Graduate School of Education and the National Park Service at the

Lowell National Historical Park. The Center encourages the hands-on teaching of industrial history through educational programs that reach more than 50,000 students annually.



▲ Instructor John Curwen checks the structural stability of water wheels crafted by, from left, Cynthia Lee, Deanna Goyette, Pat Hongsmatip, Carolyn Nowoswiat and Justin Pagan. More than 200 students chose from four camp workshops at the Tsongas Industrial History Center this summer.

## Young Musicians Camp Out on Campus

More than 80 high school students from throughout the region spent a week of their summer making music in the Mary Jo Leahy Summer Band Camp at UMass Lowell. Camp Director Deb Huber reports that the sixth year of the camp was a huge success.

The camp staff, which consisted of numerous music faculty, guest instructors and undergraduate music majors, led the students through a rigorous week of classes and practices using college-level music. The classes ranged from the "History of Rock and Roll" to "Conducting."

The young musicians were "submerged into the culture of music," explains Huber. "This five-day program is musically intense."

During the week, the students became an ensemble, working from 8 a.m. until 9 p.m. every day, preparing for a public concert on the final day to an audience of more than 500.

Huber says the camp was made possible thanks to support from Mary Jo Leahy '37, who envisioned a program to give students between

grades 8-12 an opportunity to work toward their musical goals.

Huber noted that, despite all the time the students spend in classes learning about music, they never seem to tire of it.

"During the breaks," she says, "faculty members see the students foregoing relaxation time to play their instruments."



▲ Summer Band Camp faculty and students take a break from camp activities last summer. They include, standing from the left, conductor and music Prof. Dan Lutz, Camp Director and Conductor Debra-Nicole Huber, Guest Conductor Philip E. Min, and students, seated from left, Tyler Kingsland, Kyle Rasmussen, Mary MacKinnon and Maria Brown. Rasmussen is now a freshman Sound Recording Technology major at UMass Lowell.

## Reich Meets Students at UMass Lowell

◀ Democratic gubernatorial candidate Robert Reich spoke with students and faculty at UMass Lowell's Coburn 205 as part of the ongoing "Meet the Candidates for MA Governor" series. Reich was presented by the Political Science Club and Political Science Dept.



## CSCE Offers New Courses Online and On Campus

What do the courses C # (C Sharp) and Women in 20th Century Music have in common? Surprisingly, neither are music courses, but both are offered this fall through the Division of Continuing Studies and Corporate Education (CSCE). C # joins the more than 60 information technology courses offered each semester. Women in 20th Century Music is part of the new Interdisciplinary Studies Department coursework and is available online.

Other new courses for fall on campus and online include Nazi Germany; Literature, Politics and Genocide in Cambodia; Linux System Administration; and Mobile Communication.

## Research Notes

**Brown, Gilbert**  
**University-Laboratory Associates**  
**\$48,000**  
 Nuclear Engineering Program Support & Development

**Brown, Gilbert**  
**North Atlantic Energy Service**  
**\$25,000**  
 University of Massachusetts Lowell Nuclear Engineering Internships at Seabrook Station

**Faust, Rudolf**  
**Boston Scientific Corporation**  
**\$178,810**  
 Synthesis of PIB-Based Block Copolymers for Medical Applications

**Goodhue, William**  
**Raytheon Radio Frequency Components**  
**\$18,316**  
 Proposal for Testing Hydrogen Sensitivity in PHEMTs

**Handelman, Garry J.**  
**Pfizer Pharmaceuticals Group**  
**\$91,500**  
 Effects of Lipitor Administration on Inflammation, Oxidant Stress and Lipoprotein Profiles in Patients on Long-Term Hemodialysis

**Hellstedt, Jon**  
**Commonwealth of Massachusetts**  
**\$54,493**  
 Summer Food Service Program

**Hellstedt, Jon**  
**National Youth Sports Program**  
**\$73,700**  
 2002 National Youth Sports Program

**Hellstedt, Jon**  
**Philip Morris U.S.A.**  
**\$10,000**  
 Row, row, row, your boat...

**Hellstedt, Jon**  
**MA Department of Education**  
**\$10,000**  
 Mass Department of Education Summer Grant Extension Program

**Hellstedt, Jon**  
**UMass Lowell Summer Youth Program (UMLSYP)**  
**\$5,294.73**  
 UMass Lowell Summer Youth Program (UMLSYP)

**Holmstrom, Ross**  
**Turner Engineering Company**  
**\$50,000**  
 EMC Analysis for the NYCT EMC Standard Update Project

**Kegel, Gunter**  
**Assurance Technology Corporation**  
**\$8,475**  
 Gamma Radiation Effects on Electronic Components

**Lawton, Carl**  
**Boston Life Sciences, Inc.**  
**\$138,283.01**  
 Fermentation of rTroponin Periplasmic Production

**Lawton, Carl**  
**Boston Life Sciences, Inc.**  
**\$114,962**  
 Production of E. coli Inclusion Bodies Containing rTroponin

**Lawton, Carl**  
**Dyax**  
**\$25,000**  
 Purification of DX 1000 and DPI 14

**McCarthy, Stephen**  
**Metabolix, Inc.**  
**\$76,730**  
 Development of Novel Blends and Processing Techniques for Polyhydroxyalkanoates

**Mead, Joey**  
**University of Massachusetts Amherst**  
**\$10,000**  
 High-Pressure High-Temperature Sintering of

Crosslinked Rubbers and its Applications to Road Paving and Roofing Materials

**Montesalvo, Mary**  
**Assurance Technology Corporation**  
**\$8,475**  
 Gamma Radiation Effects on Electronic Components

**Moser, Martin**  
**Lowell Police Department**  
**\$225,000**  
 Massachusetts Police Leadership Institute

**O'Connell, Peter**  
**Town of Dracut**  
**\$23,300**  
 Teaching Industrial Revolution Through Science

**O'Connell, Peter**  
**City of Lowell**  
**\$10,500**  
 Summer Camp 2002

**Pho, Lan T.**  
**Bristol Meyers Squibb**  
**\$12,500**  
 Pilot Internship for Minority Students with Dupont Pharmaceuticals

**Pho, Lan T.**  
**Bristol Meyers Squibb**  
**\$16,111.03**  
 Pilot Internship for Minority Students with Dupont Pharmaceuticals

**Richardson, Charles**  
**United Steelworkers of America**  
**\$13,620.55**  
 Unions and Technological Change

**Reinisch, Bodo and Sales, Gary**  
**Department of the Air Force**  
**\$157,000**  
 Electrodynamics of the Ionosphere by Digital Ionospheres and Other HF Techniques

**Ruskai, Mary Beth**  
**U.S. Army Research Office**  
**\$113,678**  
 Noisy Quantum Communication and Computation

**Ruskai, Mary Beth**  
**National Science Foundation**  
**\$147,000**  
 International: Quantum Information Theory

**Salzman, Harold**  
**Russell Sage Foundation**  
**\$47,801**  
 The Social Transformation of Private Security Workforce

**Shea, Thomas B.**  
**National Science Foundation**  
**\$64,758**  
 A Digital Confocal Microscope and Image Analysis System for Cell Biology

**Silka, Linda**  
**Chelsea Center for Recycling and Economic Development**  
**\$15,138**  
 Lowell Community Partnership for a Food Waste Compositing Enterprise, Phase III

**Skare, Ilze**  
**Burlington Biomedical & Science Corporation**  
**\$16,860**  
 The Resistance of Vinyl-Coated Fabric To Microorganisms

**Sung, Changmo**  
**Madison CMP Inc.**  
**\$20,000**  
 SEM and TEM Analysis of Polyurethane Pad

**Sung, Changmo**  
**NEXX Systems**  
**\$30,900**  
 TEM Characterization of NIMBUS Sample Wafers

**Tickner, Joel**  
**Heinrich Boll Foundation North America**  
**\$5,000**  
 Developing a Strategic Vision for Broad Chemicals Policy

**Turcotte, David**  
**Chelsea Center for Recycling and Economic Development**  
**\$15,138**  
 Lowell Community Partnership for a Food Waste Compositing Enterprise, Phase III

**Wang, Jie**  
**Intel Corporation, AG6-601**  
**\$45,000**  
 IXA Laboratory-Based Network Security Curriculum

## TURI Publishes CD-ROM to Incorporate Environmental Concerns into Engineering Curricula

Engineers like to solve problems and pollution prevention needs talented engineers to create the best solutions. Experienced engineers are needed now, but, in the future, they will be in even more demand to combat global warming, toxic dump-

ing and disappearing natural resources. The Toxics Use Reduction Institute (TURI) published a CD-ROM, "Pollution Prevention for Engineering Curricula: Homework Problems to Complement Traditional Coursework," that helps faculty prepare the students of today for the challenges of tomorrow.

Written by engineering professors from four New England universities including UMass Lowell, the CD illustrates pollution prevention concepts including reduction of toxic chemical usage, material recovery and reuse, energy efficiency, cost savings due to increased process efficiency and many more. Over 90 problems, of varying length and difficulty, cover topics in nine subject areas.

Contributing to the homework problems from UMass Lowell is Prof. Majid Charmchi, mechanical engineering, Chairman Alfred Donatelli, chemical engineering, and Prof. John Walkinshaw, chemical engineering.

These problems can be easily incorporated into existing engineering coursework and are intended to enhance the students' abilities to meet the ever-increasing efficiency and cost savings needs of today's manufacturers.

"Pollution Prevention for Engineering Curricula: Homework Problems to Complement Traditional Coursework" is available for free to Massachusetts-based organizations and for \$50 to organizations out-of-state. Contact Janet Clark for a copy at [clarkjan@turi.org](mailto:clarkjan@turi.org) or ext. 3346.







## Four Biology Faculty Feted for 120 Years of Service

▲ These four Biological Sciences faculty members were feted by their department colleagues recently on the occasion of their retirement. Enjoying the party, held at Nesmith House in Lowell, were, from left, Assoc. Profs. Sui Lam Lee and Ilze Skare, and Profs. Ted Osmolski and Jack Mallett. Each retired with 30 years of service at the University.



## Serbian Native Awarded First Charlie Steele Memorial Scholarship

▲ Electrical Engineering Graduate Student Miroslava Raspovic of Serbia recently was awarded the first UMass Lowell Prof. Charlie Steele Memorial Scholarship. The award was presented by Robert Tamarin, dean of the College of Science, left, and Steele's widow, Ursula, second from right, as Thomas Costello, chairman of the Computer Science Department, right, offers his congratulations. The Steele Memorial Fund was established last December in memory of Prof. Steele who died unexpectedly on Christmas Day. He had worked at the University for 25 years and was the first permanent faculty member of the Computer Science Department.

## Talty, 23 Years at UMass Lowell, Earns Northeastern Ph.D.

Francis T. Talty, of the Lowell law firm Talty & Talty, P.C., and an adjunct professor of politics at UMass Lowell since 1979, was awarded his Ph.D. in Law, Politics and Society by Northeastern University, June 15 at the Fleet Center in Boston.

Talty, who has practiced law with his wife Patricia in Lowell since 1985, earned his J.D. and a master's degree in Public Administration from Suffolk University. He is the co-author, with his wife, of "Methods of Practice," a Massachusetts legal procedure series

published by the West Group.

His Ph.D. dissertation was titled "Public Perception of Massachusetts Courts: An Examination of Support and its Effect on Use of Courts."



▲ Francis T. Talty

## Labor Leader Takes Over as Labor Extension Coordinator

Susan Winning, who has been active in the Massachusetts labor movement for the past 30 years, was named recently as the UMass Lowell labor extension coordinator. She will replace Nancy Della-Mattera, who will be on a one-year leave of absence as a member of the AFL-CIO's Labor Council Leadership Development Project.

Winning worked most recently, for eight years, as director of the Women's Institute for Leadership Development (WILD). Prior to that for ten years, she was president of the Childcare and Human Services local of District 65 of the United Auto Workers. Her earliest involvement with the labor movement was as a

hospital worker in Boston from the early 1970s to the mid-'80s, where she laid the groundwork for future union organization.

She can be reached at ext. 3127, or by e-mail at Susan\_Winning@uml.edu



▲ Susan Winning

## Three English Professors Among Advanced Placement Evaluators

Three UMass Lowell English professors served as members of the Advanced Placement English Literature Evaluations at Daytona Beach this summer.

Jeannie Judge, who has been reading AP essays since 1994, was a table leader/faculty consultant at the readings; Mary Kramer was also a faculty consultant, while Paula Haines was a new reader this year.

More than 600,000 essays, written by roughly 200,000 Advanced Placement English Lit students, were submitted for reading at the evaluations, according to Prof. Judge.

## Mittler, Riley-Callahan to Serve on Board of Ed Committee

Physics Prof. Arthur Mittler together with Sheila Riley-Callahan, executive director of Academic Services, have been recommended to serve on a Committee on Advising for the state Board of Higher Education. The committee was established as a result of the findings of student surveys, which were released in a recent research paper, the "Quality of Student Life on Campus Task Force Report."

The task force identified students' perceptions and concerns regarding on-campus programs and services. The need for improved academic advising emerged as a primary concern.

The first meeting is scheduled for Sept. 19.

## WEB UPDATE

### Web Office Launches Five New Sites

The University's Web Office has designed and launched five new Web sites.

They are <http://www.uml.edu/dept/math> (Math Department); <http://www.uml.edu/grad/> (Graduate School); <http://www.uml.edu/procurement/> (Procurement Office); <http://intranet.uml.edu> (UML Today, New Faculty-Staff Portal Page); and <http://intranet.uml.edu/student/> (New Student Portal).

UML Today updates all e-mail announcements, calendar events, UML news, River Hawk sports coverage and more.

The Faculty-Staff site includes e-mail and phone numbers, latest e-mail announcements, weather from the MET lab, University news stories, calendar events and more.

## Promotions & Appointments

### Promotions

**Donna M. Allen**, staff assistant I in Arts & Science, from secretary in Psychology.

**Judith Barnes-Long**, coordinator of access services, University Libraries, from library assistant II.

**F. Susan Bennett**, staff assistant I in University Police, from staff assistant in Physical Plant.

**Cynthia J. Bent**, manager of administrative services in the Research Foundation, from budget assistant in CFSS.

**Ann Marie Bird**, staff assistant I in Health Professions, from accountant in General Accounting.

**Jeffrey H. Bodwell**, building maintenance supervisor in Physical Plant, from maintenance working foreman.

**Joyce Burris**, programmer, student financial services in Administration and Finance, from staff assistant.

**Brian X. Carr**, network operations specialist, from manager, Telecommunications Users Services.

**Anita J. Chieh**, staff assistant I in the College of Management, from administrative assistant in Continuing Studies.

**Richard Desroches**, director of Security Information/Systems Services, from director of Information Services.

**Deborah M. Friedman**, coordinator of access services, University Libraries, from librarian I.

**Scott P. Fulmer**, director of Construction Occupational Health Program in the Research Foundation, from project manager in Work Environment.

**Kathleen Gill**, staff assistant I, coordinator of Commons Admission and Records Processing, from Clerk IV in Admissions.

**Angela A. Glaude**, staff assistant I, coordinator of Commons Admission

and Records Processing, from administrative assistant in the Graduate School.

**Carole A. LeBlanc**, director of laboratory services in TURI, from associate director.

**Robyn Lessard**, staff assistant I in Arts & Science, from staff assistant in Enrollment Management.

**Kerry L. Mead**, associate director of Undergraduate Admissions, from assistant director.

**John J. Murphy**, staff assistant III/supervisor of grounds in Physical Plant, from superintendent of grounds.

**Brad Navis**, director of Campus Recreation Athletics, from assistant director of Recreational Sports.

**John Ouellette**, manager of Network and Security Operations, from manager, Network Operations.

**Michelle L. Quinno**, staff assistant I in Education, from operations coordinator in the Faculty Teaching Center.

**Nancy J. Rainville**, network operations specialist, Information Technology, from network assistant.

**Leah Rigs**, staff assistant I, coordinator of Commons Admission and Records Processing, from administrative assistant in the Graduate School.

**Charles J. Riley**, manager of building services in Physical Plant, from supervisor of custodial services.

**Kathleen M. Rourke**, staff assistant I in the College of Management, from administrative assistant.

**Clifford F. Smith**, maintainer II in Physical Plant, from maintainer I.

**Susan Spellissy**, senior administrative assistant to the Vice Chancellor for Administration and Finance, from staff assistant.

**Richard D. St. Onge**, communications dispatcher I in University Police, from institutional security officer.

**Cheryl Sweeney**, staff assistant I, coordinator of Commons Admission and Records Processing, from administrative assistant in Admissions.

**William T. Swett**, fire protection system manager in Environmental Health and Safety, from supervisor of electricians in Physical Plant.

**M. Jeanne Tremblay**, director of Procurement in the Comptroller's office, from director of Purchasing.

**Heather Tziotziouras**, staff assistant I in Management, from buyer I in Purchasing.

**Dania Valdes**, staff assistant I, coordinator of Commons Admission and Records Processing, from administrative assistant in Admissions.

### Appointments

**Ann Bratton**, assistant to the assistant vice chancellor in Enrollment Management.

**Thomas H. Burke**, third class power plant engineer in Physical Plant.

**Marcie K. Byrd**, network support specialist in Information Technology.

**Robert C. Coppenrath**, help desk support in Information Technology.

**Renee M. Deyermund**, job locator and development coordinator in the Student Financial Services Center.

**Wanda Krywalski**, system analyst in Information Technology.

**Guy Larose**, institutional building maintenance foreman in Athletics.

**Ellen Martin**, coordinator of administrative activities in the Student Financial Services Center.

**Kimberly C. McFerran**, resident director in Residence Life.

**Shaughn M. Mosier**, Maintainer I, Athletics.

**Michael Motherway**, third class power plant engineer in Physical Plant.

**James W. Packard**, IT security specialist in Information Technology.

**Kishshana O. Palmer**, resident director in Residence Life.

**Thomas M. Regan**, chief reactor operator/radiation services manager in the Radiation Laboratory.

**Nimol San**, assistant director of admissions in Enrollment Management.

**Alison M. Sigler**, coordinator of instruction/club sports in Athletics - Campus Center.

**Colleen L. Sorem**, coordinator of intramurals, Athletics - Campus Center.

**Eduardo M. Valenzuela**, manager of commons technical support services in Enrollment Management.

### Research Foundation Appointments:

**Shawn Barry**, Gear Up associate program manager (CFWC).

**Taizoon A. Canteenwala**, postdoctoral research associate.

**Myunghwan Kim**, postdoctoral research associate.

**Norma A. Levasseur**, receptionist/office assistant

**Dianna R. McAllister**, project administrator.

**Donna McIntosh**, research technician.

**Amy Pham**, Gear Up mentoring coordinator.

**Laszlo Sipos**, postdoctoral

**Muthiah Thiyagarajan**, postdoctoral research associate.

### Physical Plant Appointments, all Maintainer I:

**Darrell Bidder**

**John P. Byrne**

**Erica L. Chartier**

**Robert Davidson**

**Suzanne M. Juszczak**

**Nancy J. Loiselle**

**Jose Lopes**

**Noemi Molina**

**Richard Shaw**



### Bentas Represents Lowell at Tufts Inaugural

◀ UMass Lowell Professor of Classics Christos Bentas, an alumnus of Tufts University Graduate School, revisited his alma mater recently, this time as a representative of Chancellor William T. Hogan, at the inauguration of Dr. Lawrence S. Bacow as the 12th president in the 150-year history of Tufts. Prof. Bentas, who introduced the interdisciplinary minor in Classics (Latin, ancient and modern Greek, and Greek, Roman and Byzantine Studies) in the history and language departments nearly 40 years ago, earned both his master's and Ph.D. from Tufts in the early 1960s.

### Obituary

## Furui Tang, Plastics Engineering Technician

The University community was saddened this summer by the death of Furui Tang, a technician in the Plastics Engineering Department. Tang, who had taken the early retirement package, suffered a stroke in July and died a short time later.



## UMass Lowell

### in the Community

## Through Wartime and Across the Atlantic, "She Was the Backbone"

In the months before her mother died, Mary Recko called her Milton home every morning between 8 a.m. and 8:10, to hear her mother's voice before she started work. One morning last June, no one answered. As the morning went on without word from her mother, Recko guessed that the woman who held her hand during the Warsaw uprising, on the train ride across Poland to the German concentration camps, and finally across the Atlantic when the war was over, was gone.

"She was the backbone," Recko, an administrative assistant in the physical plant says of her mother Stella. Recko has lived in Massachusetts since she arrived with her mother, Stella, and her sister in 1950.

In the years after they settled in Massachusetts, Recko's mother helped her daughter recreate the memories she had blotted out. Mary was five years old when, in early August, the Germans crushed an uprising in Warsaw and took the prisoners to a field, where guards raped and killed the Polish women gathered there, and Mary and her mother passed the night wondering what would happen to her father. He had been taken away with the other men in a separate group.

"We stayed in that field for seven days and seven nights," she says. "Of course we never saw my father again."

When that time was over, German trains took them to Bergen-Belson. What happened in that camp, and in the others Recko and her mother stayed in during the German occupation, is mostly gone from her memory.

"I blocked most of it out."

But often at night, in the early years of her marriage in the U.S., the things she had forgotten would rise up in nightmares, and she would shake so much that her husband would wake her up.

"I would dream that we were running toward the ditches, and bombs exploding on every side of us," she says.



▲ Mary Recko

Then there are memories her mother helped her fill in, such as their last day in the camps, when a German officer, panicked as the allied soldiers approached, lined them up against a wall for execution, and Stella, Mary and her little sister thought they die.

"There is no reason we should still be here," Recko recalls her mother saying, "but God decided it wasn't time for us to go."

Another officer intervened that day, and they released. They left the camps with the Allied army.

With her sister and mother, Recko spent the next few years in displaced persons camps, filing for immigration to France and England, and finally to the United States, where they found a sponsoring family in Lynn.

Stella worked three jobs in those early years, and took classes in Boston at night to learn English and prepare for the citizenship exam. "Then after time," Recko says, "she worked two jobs, then one."

"The day she became a citizen was of course the proudest day of her life," Recko says now.

For her 90th birthday, Recko received letters from Senator Ted Kennedy, President Bush, and the Pope. She posed for a photograph in Lowell surrounded by all her American grandchildren and great-grandchildren.

A few weeks after her mother died, Recko received an invitation from one of her mother's neighbors at the home in Milton, a Polish woman. The woman asked her to come to a Christmas open house at her home, and Recko has decided to go.

"It's a good thing," Recko says, her Polish accent still alive under her English. With her mother gone, and so many years and miles separating her from her native country, "I was starting to forget the old language."

For over 100 years, UMass Lowell has been making a positive difference in the region, through the education, research, and outreach of the institution. The many people who work on the campus also make a positive difference in the University community, as shown in this series, "UMass Lowell in the Community."

## Minkkinen Featured in Solo Show at Newbury Street Gallery

UMass Lowell art Professor Arno Minkkinen, an internationally-known photographer whose work is collected by museums worldwide, is currently being featured in a solo show at the Robert Klein Gallery on Newbury Street in Boston. The show, which will include ten never-before-seen mural-sized self-portraits taken in

locations ranging from the American southwest to the island of Malta, is running from Sept. 6 through Oct. 19.

Minkkinen, who conducted a workshop this summer at the Anderson Ranch Arts Center in Snowmass Village, Aspen, Colo., also will be featured in the Stephen Janssen Collection exhibition at

Arizona State University Art Museum in Tempe, beginning this month. The show runs Sept. 20 through Jan. 5, and will include a guest lecture by Minkkinen in November.

Minkkinen, a resident of Andover, has been featured at nearly 100 individual exhibits and more than 150 group shows, worldwide, since 1971. The Robert Klein exhibit will be his first solo show in Boston in nearly 20 years.



▲ Foster's Pond, January 1, 2002

## Ruskai, Recipient of Two Grants, Is Chosen Member of U.S. Delegation

Professor Emeritus Mary Beth Ruskai, formerly a member of the UMass Lowell Mathematics Department, has been chosen as one of six U.S. physicists to be present at the American delegation to the general assembly of the International Union of Pure and Applied Physics (IUPAP), which will meet in Berlin this October.

Ruskai, the recent recipient of two three-year grants totaling more than \$260,000 for her work on quantum information theory, is a member of the editorial board of the *Journal of Mathematical Physics*, for which she recently co-edited a special issue on the same subject to appear this September.

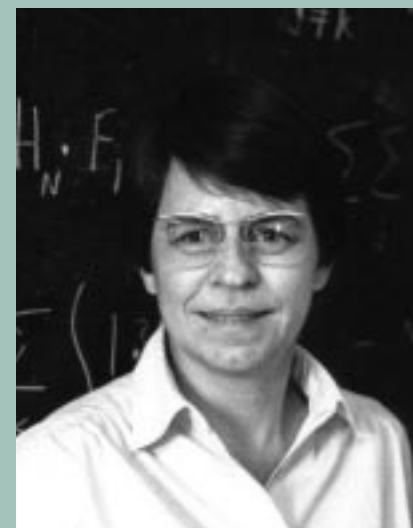
Over the summer, she delivered several invited talks: on Information Geometry at a conference in Pescara, Italy in July; on Non-commutative Phenomena and Random Matrices at the Pacific Institute for the Mathematical Sciences in Vancouver in August; and in a session on Quantum Computing at the Feynman Festival at the University of Maryland, also in August.

She will spend two months of the fall term as a research professor at the Mathematical Sciences Research Institute at Berkeley, which is hosting a special semester on Quantum Computation. In the spring of next year, she will hold a Walton visiting professorship at the

Dublin (Ireland) Institute of Technology, where she spoke at a workshop on Quantum Computation last March.

She is a member of the U.S. Liaison Committee (USLC), a committee of the National Academy of Science. She is also an associate member of the IUPAP Commission on Atomic and Molecular Physics, and vice-chair of the IUPAP Commission on Mathematical Physics, to which she has been nominated for a second term.

Both of Ruskai's grants include funds to encourage and support student participation in quantum information theory, at both the graduate and undergraduate levels.



▲ Mary Beth Ruskai



## Siegel, Taylor Join Forces to Address the Priorities of Student Services, Student Life

Two former directors, with a combined total of 36 years service to UMass Lowell, have been named by the Chancellor to take over the duties of Ellen Duggan, who retired last year as dean of students after 32 years at the University.

Larry Siegel, who came to UMass in 1985 and served until last year as director of residence life, has been named the new dean of student life. As such, he will be responsible for such areas as residence life, student activities and minority affairs, with a tie-in to recreational sports.

Tom Taylor, the former assistant dean of students, who has been at UMass Lowell for 19 years, will be the new dean of student services. His duties, as defined by the Chancellor, will involve such areas as student health, campus police, student counseling and freshman orientation.

"I think of it a little bit like a law partnership," Taylor says. "Each of us has his area of proficiency. And with the focus as defined as that, everything just becomes more manageable, I think."

As an example of his priorities, Taylor cites the development of a personal ID packet for each student, which could be distributed to parents and would include the student's e-mail address, phone number and campus mailbox, as well as other identifying information. "That's just one example," he says, "of bridging the gap in student services, of the sort of small convenience we can provide



▲ Larry Siegel

if we work with the individual directors to get these sorts of things done." Beyond this, Taylor says, he is in the process of developing a "global, five-year plan" that would take in all aspects of student services. "As long as we stay in communication with each other, and with the various campus directors, there's an awful lot that can be done."

For Student-Life Dean Larry Siegel, one critical focus of the coming years will be to improve the "campus culture." The goal of this, in turn, will be to promote the sense of UMass Lowell as "more than just an excellent academic institution—as a genuinely exciting place."

Among the ways this might be addressed, he says, could be through an increase in the number of students who take part in campus activities, as



▲ Tom Taylor

well as in the frequency of regular, even traditional UMass Lowell events (such as Spring Carnival); and an increase in the involvement of the surrounding communities in the life of the University.

Both men agree, though, that the joining of forces toward the fulfillment of these goals will be a major impetus:

"Larry and I have been working together a long time," says Taylor. "We know what to expect from each other. And this is an exciting challenge. As long as we keep our focus, there's no limit to what can get done."

—GRD

## Gerald Hotaling, UMass Lowell Professor for 18 Years, Dead at 53

Gerald Thomas Hotaling, a professor in the Department of Criminal Justice since 1984, died in his home on June 16, 2002. He was 53 years old.

He is well known nationally for his contributions to the study of family violence. He was part of the founding group for the field of family violence research in the late 1970s, and co-edited with Murray Straus one of the first academic volumes on the topic, *The Social Causes of Husband-Wife Violence*. Hotaling also served as the principal investigator of a landmark study funded by the U.S. Department of Justice in the 1980s, *The National Incidence Study of Missing, Abducted, Runaway and Thrown Away Children*. This study represented the first scientific effort to estimate the prevalence, incidence and characteristics of missing and runaway children. He received considerable national attention for his work and became internationally known in family violence and law enforcement circles for his work.

Having grown up in inner-city Philadelphia, he had a particular knack for putting disadvantaged or disengaged students at ease and facilitating their involvement in the classroom. He also knew how to spot talented students, and is credited by many for their decision to pursue doctoral degrees. Because of his training, his students were often fully funded at the nation's leading programs in the field. Several by now have completed their studies and hold university faculty positions around the country.

Hotaling was born in Philadelphia. He received his bachelor's degree at the University of Delaware, and completed his master's degree and Ph.D. in sociology at the University of New Hampshire.

He is survived by his son, Will Thomas Cole Hotaling of Dover, and by Will's mother, Kathy Cole; his own mother, Kathleen, of Wildwood, N.J.; his brother William and sister-in-law Rosemary of De Pere, Wisconsin; his brother Jim and sister-in-law Denise of Tucson, Arizona; and a third brother, John, and his wife Ellen of North Cape May, N.J.

## Professors Featured in Swedish Conference

Retired Prof. Jean Pyle, psychology, presented the keynote address at the Third International Congress on Women, Work and Health held in Stockholm, Sweden this summer. She attended the conference with Profs. Meg Bond, psychology and the Center for Women and Work (CWW) and Laura Punnett, Work Environment.

Pyle, who is also a senior associate for the CWW, spoke on "Globalization, Public Policy and the Gendered Division of Labor." Her remarks described the negative impacts the global trend toward market-oriented economies are having on women and minorities in the workplace, and the activism that has arisen to counteract this trend.

"The address was very well received," said Pyle, "I was especially pleased."

In addition to presenting their own work individually, the three collaborated on a paper which examined the stress and adverse health effects of gender-based discrimination and sexual harassment of women and on their organizations. The study was based on a survey of 221 employees of a large state university in the Northeast.

Their joint research was made possible by the CWW in collaboration with the Kerr Ergonomics Institute and was also supported by the University's Council for Centers and Institutes.

Pyle, Bond and Punnett served on the "Expert Committee" for the congress along with Prof. Margaret Quinn of Work Environment.



▲ Prof. Jean Pyle and Meg Bond of psychology and Laura Punnett of work environment attend the Third International Congress on Women, Work and Health conference in Stockholm.



## Long-time UMass Lowell Bibliophile Named to Top Library Job

**P**atricia Noreau, who has been a member of the UMass Lowell library staff in almost too many capacities to list—for more than 32 years, has been named as interim library director to replace the retired Bernard Franckowiak. In this capacity, she will oversee the workings of all three UMass Lowell libraries: Lydon, O'Leary and the Mogan Center.

"I began my tenure at Lowell in April of 1970," Noreau says, "as the serial librarian at Lowell Tech[nological Institute]. Over the years, my role expanded—until, by now, I've worked in pretty nearly every area there is."

In 1996, and again three years later, Noreau was elected head of the Technical Services and Systems Division. Probably her greatest contribu-



▲ Patricia Noreau

tion in this role, she says, was the expansion of the libraries' access to online databases, from seven to over 300 in the space of seven years. The result of this has been the increased availability to students of more than 11,000 periodicals, as well as 250 newspapers and a wide range of reference and bibliographic data.

As the new academic year begins, Noreau cites three library goals: the continued increase of print and electronic resources; the organization of a faculty-librarian advisory group; and the further enhancement of the three campus libraries.

"If we work together to accomplish these goals," she says, "we'll meet whatever challenges the future may have in store."

## In Asia and Latin America, Applying the Classroom's Lessons to the Problems of Everyday Life

**T**wo UMass Lowell engineering professors lent their time and talents this past summer in areas of the globe far removed from academia.

Working under the auspices of Global Village Engineers, an international volunteer group that matches the talents of trained engineers with the needs of communities worldwide, Prof. Burt Segall worked on water treatment plants in Cambodia while his colleague, Prof. William Moeller, served as an environmental advisor in Nicaragua and rural Mexico.

Prof. Segall's project, underwritten by the International Finance Corporation, a subsidiary of the World Bank, consisted of a week-long field study at two Cambodian water treatment plants, one benefiting the community of Oudong, the other a textile plant in Toul Sangke. Over the course of the study, Prof. Segall worked closely with local engineers in the teaching of water-process design.

"I learned a lot myself," he says, "about providing communities with potable water supplies. I haven't had a chance like that for thirty-some

years, since I worked in the Peace Corps in the sixties, to apply my knowledge and experience to make a difference outside the U.S."

Prof. Moeller, meanwhile, was making a difference himself—both in Mexico's Sierra Gorda Bio-Preserve, where he worked to determine the effects of a proposed transmission line, and in Dipilto, Nicaragua, where he educated community members on methods of increasing their water supply, controlling soil erosion and replacing a washed-out bridge.

"What Bill did, really," explains Chris Simpkin of Global Village Engineers, who worked with Prof. Moeller in Nicaragua, "was to help the community understand just what it would take to protect the area's environment and resources, and why that protection was important. His main function was education—which is critically lacking in some areas of the world."

Both professors retired from UMass officially last year, though both remain active and enjoy emeritus status with the University.

## Eynon Sees Cash Fundraising As Primary Advancement Objective

**M**atthew Eynon, newly appointed interim Executive Director of University Advancement, credits the "unflinching support" of the UMass Lowell community for much of the development program's success to date, and identifies cash fundraising as a primary objective of his office in the months ahead.

Eynon joined the staff in 1997 as Constituent Director of Development (Arts and Sciences) and became Director of Development in 2000. He was named to the interim position on July 15 by Chancellor William T. Hogan. He succeeds Donald Rizzo, who has accepted a position at Endicott College.

"We have achieved great success and have begun creating a culture of philanthropy and private support for the University and its mission," Eynon says. "Our staff has been motivated by the outpouring of support by alumni and friends."

His colleagues in the Advancement office are "among the best in the profession," Eynon says. "I am blessed to be surrounded by the caliber of talent we have in our office. UMass Lowell should be proud of the great team in our shop."

The success of the office stems not only from the more than 85 years of combined experience of the Advancement staff, he adds, but on "the unflinching support of many internal partners at the University—the chancellor, deans, department chairs, faculty, program directors and university staff across the campus."

"Going forward, it is important to set clear goals and priorities. Given the current economic climate—and especially our state budget constraints—it's very obvious that the Advancement office needs to be keenly focused on cash fundraising," Eynon says.

"While we remain committed to building partnerships that will secure resources in other ways, we will be working closely with Vice Chancellor Sperounis to align our



▲ Matthew Eynon

staffing in a way that ensures significant cash fundraising success."

Eynon says that, as with advancement programs on any campus, it will be necessary to balance success in major gift fundraising with the development of broad-based alumni support through events, annual giving and sophisticated communications.

Moving forward, he says, his office may need to make some sacrifices in broad-based campus services in the near term "to achieve greater success in building cash resources at this critical time."

As part of the commitment to ensure long-term financial stability of the campus, he says, "we will be working with benefactors to increase the University's endowment beyond the current \$15 million. The growth of campus endowment funds will ensure more permanent support for faculty, scholarships, research, and the entire academic mission."

Immediately prior to joining the University five years ago, Eynon was founder, partner and vice president of sales at The Pyrenee Group of Acton, Mass., and Lancaster, Penn. Before that he was an advancement officer with two independent schools.

The son of two school teachers, Eynon's commitment to education runs deep

*The Shuttle* is published by the Publications Office, UMass Lowell, One University Avenue, Lowell, MA 01854. Tel. 934-3223.

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# Calendar of Events

## Thursday, Sept. 26

**Reception**, "Founder's Day" honors the six founding nurses of Sigma Theta Tau (the international honor society of nursing), 6:30 to 8:30 p.m., O'Leary 222. For information, call Karen Melillo (978) 934-4417.

## Monday, Sept. 30

**Lecture**, "Working Together — A Critical Agenda for New England," by Neal Pierce of The Citistates Group, noon, Faculty Alumni Lounge. For information, call CIC/RESD (978) 934-2720 or 2900.

## Tuesday, Oct. 1

**Exhibit**, "The Quiet Sickness: A Photographic Chronicle of Hazardous Work in America," by Earl Dotter, co-sponsored by UMass Lowell, at the Boott Mill, Foot of John Street, Lowell. Exhibit runs through Dec. 11. For information, contact Susan Winning (978) 934-3127 or Susan\_Winning@uml.edu.

## Thursday, Oct. 3

**Reception**, "Celebrating Changing Women's Lives," honoring recently retired Jean Pyle, newly hired Paula Rayman and former Dean Nancy Kleniewski, 3 to 5 p.m., Coburn Hall. For information, call Meg Bond (978) 934-3971.

## Friday, Oct. 4

**Lecture**, Lowell Celebrates Kerouac! Festival, Photo-documentary Methods, John Suiter, author of "Poets on the Peaks: Gary Snyder, Philip Whalen, and Jack Kerouac in the North Cascades," noon, O'Leary Library Room 222. For information, call Paul Marion (978) 934-3107.

**Film**, Lowell Celebrates Kerouac! Festival, "Pull My Daisy," classic 1950s indie movie featuring Beat Generation figures Jack Kerouac and Allen Ginsberg. Introduced by composer and musician David Amram, 2:30 p.m., O'Leary Library, Room 222. For information, call Paul Marion (978) 934-3107.

**Discussion**, Lowell Celebrates Kerouac! Festival, Slide-talk: John Suiter discusses "Poets on the Peaks," 7:30 p.m., Boott Mills Museum, Foot of John Street, Lowell. For information, call Paul Marion (978) 934-3107.

## Saturday, Oct. 5

**Book Signings**, Lowell Celebrates Kerouac! Festival, John Suiter with "Poets on the Peaks," noon, David Amram with "Offbeat: Collaborating with Kerouac," 3 p.m. UML Barnes and Noble Downtown Bookstore, 151 Merrimack Street. For information, call Paul Marion (978) 934-3107.

**Football**, vs. Bentley College, 4 p.m., Cushing Field. For information, call (978) 934-HAWK.

**Hockey**, vs. Concordia University, 7 p.m., Tsongas Arena. For information, call (978) 934-HAWK.

## Sunday, Oct. 6

**Performance**, Lowell Celebrates Kerouac! Festival, The Amram Jam with various writers and musicians, 1 p.m., Sugar Shack, 100 University Avenue. For information, call Paul Marion (978) 934-3107.

**Performance**, Discovery Series, "Tom Chapin and Friends: Songs for Children and Gentle Hearts," 2 and 4:30 p.m., Durgin Hall. Tickets \$10, group discounts available. For information or to order tickets, call the Center for the Arts (978) 934-4444.

## Monday, Oct. 7

**Lecture**, "Globalization, Public Policy and the Gendered Division of Labor," Prof. Jean Pyle, noon, O'Leary Library, Room M, fifth floor. For information, call CIC/RESD (978) 934-2720 or 2900.

## Wednesday, Oct. 9

**Exhibit Reception**, "One Day at a Time," post-expressionistic paintings chronicling a year in the life of the artist by Bonney Goldstein, 2 to 4 p.m.; Gallery talk, 3 p.m.;

University Gallery, McGauvran Student Center. Exhibit runs through Nov. 6. For information, call (978) 934-3491.

## Thursday, Oct. 10

**Presentation**, "The Professional Caregiver: Models for Communications at Life's End," Marianne Matzo, Ph.D., 6 to 8 p.m., (registration at 5:45 p.m.), Coburn 205. R.S.V.P. to Karen\_Melillo@uml.edu.

## Friday, Oct. 11

**Performance**, STARTS (Student and Teacher Arts) program, "Teddy Bear Jamboree," a musical production for school field trips, grades K-3, 9:30 and 11:00 a.m., Durgin Hall. Tickets \$5. For information and reservations, call the STARTS hotline (978) 934-4452.

## Saturday, Oct. 12

**Football**, vs. Stonehill College, 4 p.m., Cushing Field. For information, call (978) 934-HAWK.

## Sunday, Oct. 13

**Open House**, 9 a.m., Tsongas Arena. For information, call the Admissions office (978) 934-3931.

## Wednesday, Oct. 16

**Lecture**, "The Commonwealth That Could Be: Lessons in Sustainability from Massachusetts and Other States," Prof. William Shutkin, MIT, noon, O'Leary Library, Room M, fifth floor. For more information, call CIC/RESD (978) 934-2720 or 2900.

**Exhibit Reception**, Wood and Mixed Media Sculpture by UMass Lowell alumnus Mark Heron, 2 to 4 p.m., Dugan Gallery. Exhibit runs Oct. 1 to Nov. 6. For information, call (978) 934-3491.

## Monday, Oct. 21

**Lecture**, "Small Firms, the Informal Sector, and the Devil's Deal: What to Do about Social Policy," Prof. Judith Tendler, MIT, noon, O'Leary Library, Room M, fifth floor. For information, call CIC/RESD (978) 934-2720 or 2900.

## Tuesday & Wednesday, Oct. 22 & 23

**Performance**, STARTS (Student and Teacher Arts) program, "Just So Stories," a musical production for school field trips, grades K-3, 9:30 and 11:00 a.m., Durgin Hall. Tickets \$5. For information and reservations, call the STARTS hotline (978) 934-4452.

## Thursday - Sunday, Oct. 24 - 27

**Performance**, "Dracula," presented by student Off-Broadway Players, 8 p.m., Mahoney Auditorium. For information, contact (978) 934-5024 or visit [www.uml.edu/student-groups/offbroadway](http://www.uml.edu/student-groups/offbroadway).

## Saturday, Oct. 26

**Football**, vs. Bryant College, 1 p.m., Cushing Field. For information, call (978) 934-HAWK.

**Hockey**, vs. Boston College, 7 p.m., Tsongas Arena. For information, call (978) 934-HAWK.

## Monday, Oct. 28

**Lecture**, "Urban Development in a Regional Context," Gus Newport of the Urban Strategies Council, noon, O'Leary Library, Room M, fifth floor. For information, call CIC/RESD (978) 934-2720 or 2900.

## Friday, Nov. 1

**Hockey**, vs. Union College, 7 p.m., Tsongas Arena. For information, call (978) 934-HAWK.

**Performance**, STARTS (Student and Teacher Arts) program, "Lindbergh's Ocean Flight," performing arts for school field trips, grades 3-6, 9:30 and 11:00 a.m., Durgin Hall. Tickets \$5. For information and reservations, call the STARTS hotline (978) 934-4452.

## Monday, Nov. 4

**Lecture**, "Third-Tier Cities: Adjusting to the New Economy," Beth Siegel, Mount Auburn Associates, noon, O'Leary Library, Room M, fifth floor. For information, call CIC/RESD (978) 934-2720 or 2900.

## Did you know...

that Lowell native and former "Tonight Show" sidekick Ed McMahon began his broadcasting career as a teenager here in Lowell?

## For Extra Credit...

What was McMahon's first broadcasting gig?

When he was 15 years old, McMahon landed a job as the "mic" man at a small circus carnival on Lowell Common.



University of  
Massachusetts  
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Publications Office  
University of Massachusetts Lowell  
One University Avenue  
Lowell, MA 01854

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Deadline for the Next Issue of the Shuttle Is Oct. 4